

First Named Component Leaching Index Values for CRP
Kantishna Area, Alaska: Detailed Soil Map Legend (initial)

(see footnotes at end of table)

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
1	Beales	Beales very fine sandy loam, 1 to 35 percent slopes		2
10	Iksgiza	Iksgiza-Terric Hemistels complex, 0 to 3 percent slopes		1
11	Iksgiza	Iksgiza-Zitziana-Nenana complex, 1 to 35 percent slopes		1
12	Kindanina	Kindanina mucky silt loam, 0 to 6 percent slopes		1
13	Kindanina	Kindanina mucky silt loam, 6 to 12 percent slopes		1
14	Kindanina	Kindanina mucky silt loam, 12 to 20 percent slopes		1
15	Kindanina	Kindanina-Beales-Zitziana complex, dunes, 1 to 50 percent slopes		1
16	Koyukuk	Koyukuk silt loam, 1 to 35 percent slopes		2
17	Koyukuk	Koyukuk-Typic Aquiturbels complex, dunes, 1 to 35 percent slopes		2
18	Koyukuk	Koyukuk-Typic Aquiturbels complex, pitted, 1 to 35 percent slopes		2
19	Nenana	Nenana silt loam, 3 to 6 percent slopes		2
2	Beales	Beales very fine sandy loam, 35 to 70 percent slopes		2
20	Nenana	Nenana silt loam, 6 to 12 percent slopes		2
21	Nenana	Nenana silt loam, 12 to 20 percent slopes		2
22	Nenana	Nenana-Zitziana complex, 1 to 35 percent slopes		2
25	Salchaket	Salchaket-Bradway complex, 0 to 3 percent slopes		2
26	Saulich	Saulich peat, 0 to 6 percent slopes		1
27	Saulich	Saulich peat, 6 to 30 percent slopes		1
3	Beales	Beales-Zitziana complex, 1 to 35 percent slopes		2
30	Saulich	Typic Dystricrypts-Saulich complex, 3 to 15 percent slopes		1
31	Tetlin	Typic Dystricrypts-Tetlin-Saulich association, 15 to 70 percent slopes		1
32	Bradway	Typic Cryopsamments, Typic Cryaquepts, flooded, and Bradway soils, 0 to 5 percent slopes		1
33	Zitziana	Zitziana silt loam, 1 to 35 percent slopes		2
34	Kindanina	Zitziana-Kindanina complex, 1 to 35 percent slopes		1
4	Bradway	Typic Histoturbels, Terric Hemistels, and Bradway soils, 0 to 2 percent slopes		1
5	Iksgiza	Iksgiza peat, 0 to 3 percent slopes		1
6	Iksgiza	Iksgiza peat, 3 to 6 percent slopes		1
7	Iksgiza	Iksgiza peat, 6 to 12 percent slopes		1
8	Iksgiza	Iksgiza-Beales-Zitziana complex, pitted, 1 to 50 percent slopes		1
9	Iksgiza	Iksgiza-Nenana complex, 1 to 35 percent slopes		1

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual. The index information presented in the report is based on data from the first named component of the soil map unit.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining sign-up scores for National ranking subfactor N2 without further code conversion.

Weighted Average Leaching Index Values for CRP
Kantishna Area, Alaska: Detailed Soil Map Legend (initial)

(see footnotes at end of table)

Map Symbol	Map Unit Name	Drained Index	Undrained Index
1	Beales very fine sandy loam, 1 to 35 percent slopes		2
10	Iksgiza-Terric Hemistels complex, 0 to 3 percent slopes		1
11	Iksgiza-Zitziana-Nenana complex, 1 to 35 percent slopes		1
12	Kindanina mucky silt loam, 0 to 6 percent slopes		1
13	Kindanina mucky silt loam, 6 to 12 percent slopes		1
14	Kindanina mucky silt loam, 12 to 20 percent slopes		1
15	Kindanina-Beales-Zitziana complex, dunes, 1 to 50 percent slopes		2
16	Koyukuk silt loam, 1 to 35 percent slopes		2
17	Koyukuk-Typic Aquiturbels complex, dunes, 1 to 35 percent slopes		2
18	Koyukuk-Typic Aquiturbels complex, pitted, 1 to 35 percent slopes		2
19	Nenana silt loam, 3 to 6 percent slopes		2
2	Beales very fine sandy loam, 35 to 70 percent slopes		2
20	Nenana silt loam, 6 to 12 percent slopes		2
21	Nenana silt loam, 12 to 20 percent slopes		2
22	Nenana-Zitziana complex, 1 to 35 percent slopes		2
25	Salchaket-Bradway complex, 0 to 3 percent slopes		2
26	Saulich peat, 0 to 6 percent slopes		1
27	Saulich peat, 6 to 30 percent slopes		1
3	Beales-Zitziana complex, 1 to 35 percent slopes		2
30	Typic Dystrocryepts-Saulich complex, 3 to 15 percent slopes		1
31	Typic Dystrocryepts-Tetlin-Saulich association, 15 to 70 percent slopes		1
32	Typic Cryopsamments, Typic Cryaquepts, flooded, and Bradway soils, 0 to 5 percent slopes		1
33	Zitziana silt loam, 1 to 35 percent slopes		2
34	Zitziana-Kindanina complex, 1 to 35 percent slopes		2
4	Typic Histoturbels, Terric Hemistels, and Bradway soils, 0 to 2 percent slopes		1
5	Iksgiza peat, 0 to 3 percent slopes		1
6	Iksgiza peat, 3 to 6 percent slopes		1
7	Iksgiza peat, 6 to 12 percent slopes		1
8	Iksgiza-Beales-Zitziana complex, pitted, 1 to 50 percent slopes		2
9	Iksgiza-Nenana complex, 1 to 35 percent slopes		1

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual. The index information presented in the report is a weighted average of the component indexes by the map unit component percent composition.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining signup scores for National ranking subfactor N2 without further code conversion.